

TITLE: Preparation of azole ring-containing phenylcarboxylic acids as lipid formation inhibitors

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PATENT ASSIGNEE(S): Taiho Pharmaceutical Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 29 pp.
CODEN: JKXXAF

DOCUMENT TYPE: Patent

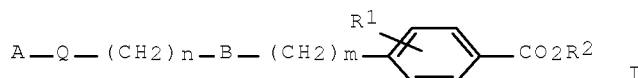
LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11130753	A	19990518	JP 1997-300384	19971031 <--
JP 3694774	B2	20050914		
PRIORITY APPLN. INFO.:			JP 1997-300384	19971031
OTHER SOURCE(S):	MARPAT 131:5260			

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AB The title compds. I [A = lower alkyl, (un)substituted Ph, (un)substituted pyridyl, in which the substituent is halo, lower alkyl, lower alkoxy, alkylamino; Q = imidazolyl, triazolyl, pyrazolyl, thiazolyl which may be substituted with lower alkyl, etc.; B = O, NR⁷ (R⁷ = H, lower alkyl); R¹ = H, halo, lower alkoxy; R² = H, lower alkyl; n = 1, 2; m = 0, 1] or their salts are prepared I or their salts inhibit fatty acid synthesis and cholesterol synthesis and are useful as hypolipemics. A THF solution of 1-(4-chlorophenyl)-5-methyl-4-hydroxymethylpyrazole (preparation given) was treated with SOCl₂ and the resulting 1-(4-chlorophenyl)-5-methyl-4-chloromethylpyrazole was treated with p-HOC₆H₄CO₂Me to give 1-(4-chlorophenyl)-5-methyl-4-(4'-methoxycarbonylphenoxy)methylpyrazole. Similarly prepared 1-phenyl-5-methyl-4-(4'-methoxycarbonylphenoxy)methylpyrazole significantly lowered serum triglycerides and VLDL cholesterol.

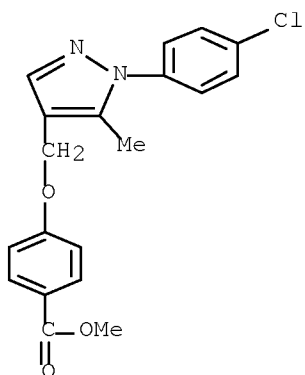
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 225930-92-7P 225930-94-9P 225930-95-0P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of azole ring-containing phenylcarboxylic acids as lipid formation inhibitors)

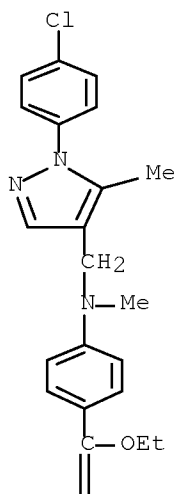
RN 225930-55-2 ZCAPLUS

CN Benzoic acid, 4-[[1-(4-chlorophenyl)-5-methyl-1H-pyrazol-4-yl]methoxy]-, methyl ester (9CI) (CA INDEX NAME)



RN 225930-56-3 ZCAPLUS

CN Benzoic acid, 4-[[[1-(4-chlorophenyl)-5-methyl-1H-pyrazol-4-yl]methyl]methylamino]-, ethyl ester (9CI) (CA INDEX NAME)



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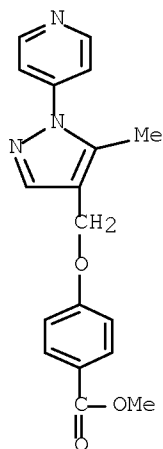
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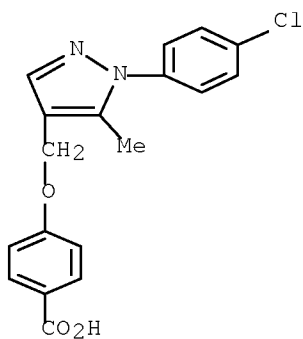
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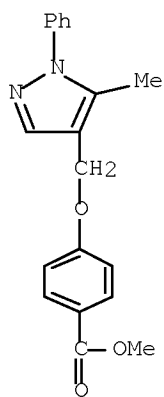
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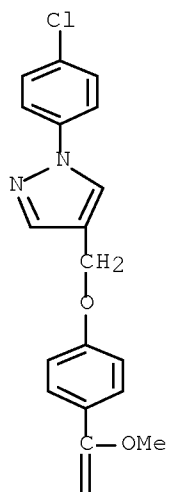
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CN Benzoic acid, 4-[(5-methyl-1-phenyl-1H-pyrazol-4-yl)methoxy]-, methyl
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RN 225930-69-8 ZCAPLUS
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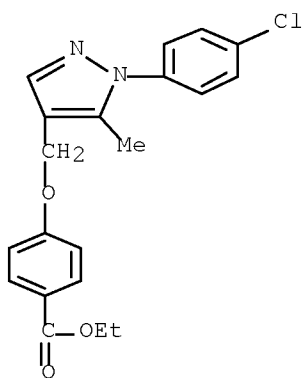
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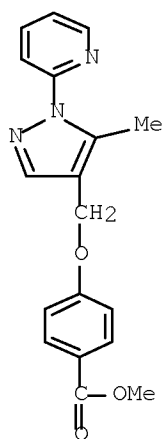
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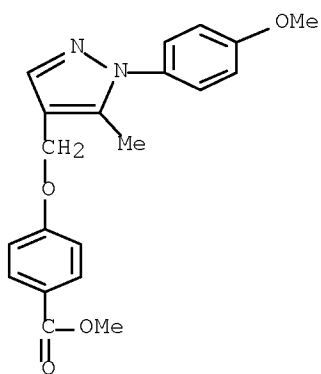
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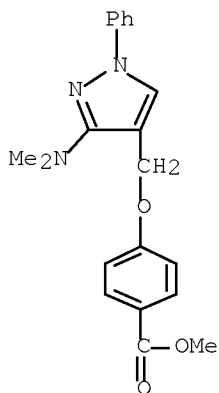
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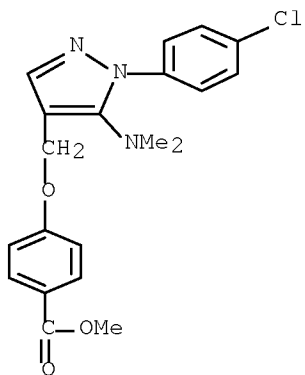
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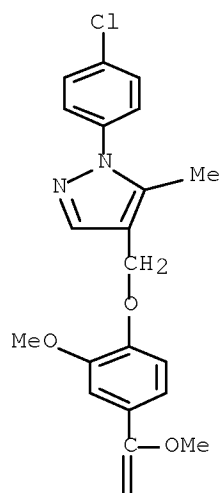
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RN 225930-76-7 ZCAPLUS
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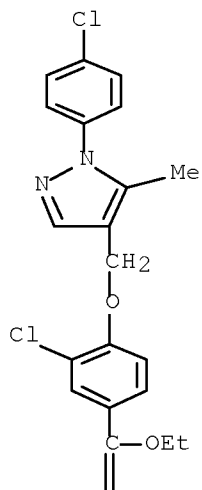
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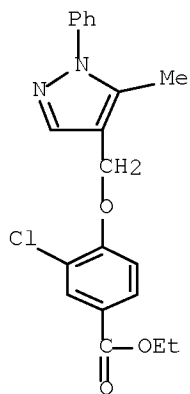


RN 225930-77-8 ZCAPLUS
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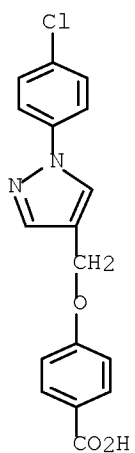
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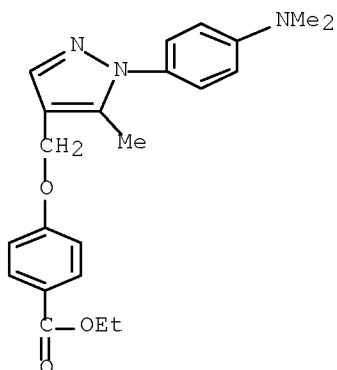
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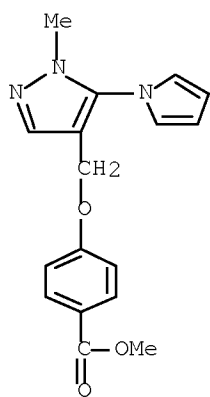
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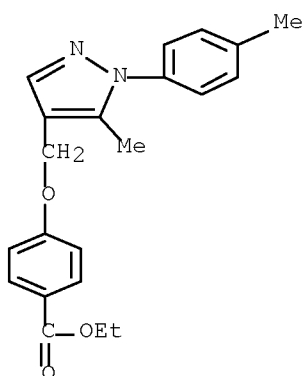
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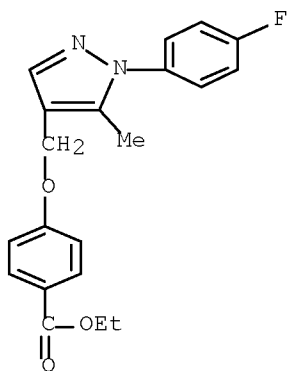
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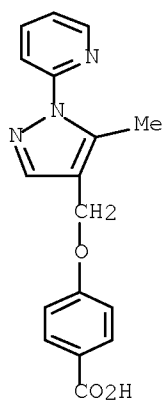
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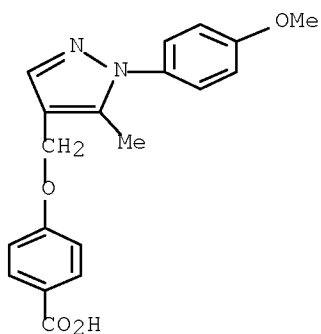
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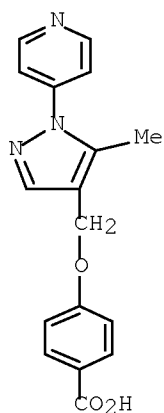
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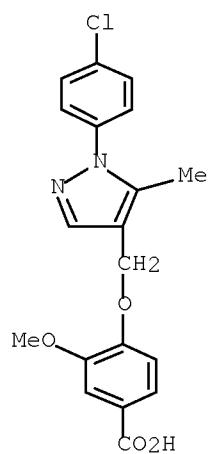
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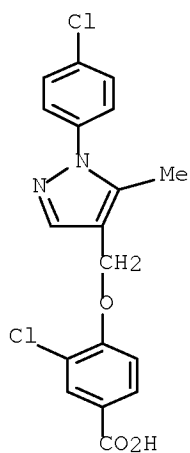
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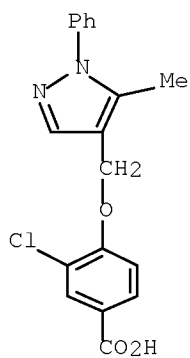
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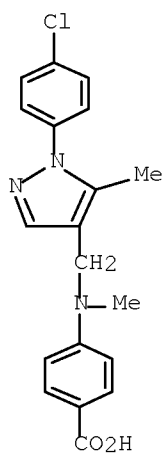
RN 225930-92-7 ZCAPLUS

CN Benzoic acid, 3-chloro-4-[(5-methyl-1-phenyl-1H-pyrazol-4-yl)methoxy]-
(9CI) (CA INDEX NAME)



RN 225930-94-9 ZCAPLUS

CN Benzoic acid, 4-[[[1-(4-chlorophenyl)-5-methyl-1H-pyrazol-4-yl]methyl]methylamino]-
(9CI) (CA INDEX NAME)



RN 225930-95-0 ZCAPLUS

CN Benzoic acid, 4-[[[1-(4-chlorophenyl)-5-methyl-1H-pyrazol-4-yl]methoxy]methyl]- (9CI) (CA INDEX NAME)

